



RAINBOW

RAINBOXY 855LT

Coal Tar Epoxy (Low-Temp)

PRODUCT NUMBER
TYPE
CHARACTERISTICS

RAINBOXY 855LT

Two component high build polyamine adduct cured coal-tar epoxy primer/coating.

1. Outstanding (sea) water and crude oil resistance (outside hull and ballast tanks).
2. Good resistance to abrasion.
3. Good corrosion resistance.
4. Good resistance against chemically polluted water.

GLOSS

Flat

COLORS

Black, brown

VOC

Max. 366 g/L

PRODUCT WEIGHT

Above 1.4 Kg/L

DRYING TIME

Set-to-touch 6 hrs Dry hard 12 hrs (10°C)

OPTIMUM FILM THICKNESS

Wet 211~ 704µ (Micron) Dry 150 ~ 500µ (Micron)

VOLUME SOLID

71±2%

THEORETICAL COVERAGE

17.9 m²/Gal 4.73 m²/L @ 150µ

OVERCOATING TABLE

EPOXY system

Substrate temp.	-10 °C	0 °C	10 °C	15 °C
Minimum interval	48 hrs	24 hrs	12 hrs	8 hrs
Maximum interval (exposed to direct sunshine)	15 days	5 days	3 days	2 days
Maximum interval (not exposed to direct sunshine)	30 days	30 days	30 days	20 days

MIXING RATIO

Base : Hardener = 17.3 : 2.7 (by volume)

POT LIFE

6 hrs (10°C)

THINNER

No.1005 Epoxy Thinner (SP-12)

THINNER RATE

The mixing temp. for the base and hardener should be performed at above 15°C. or else thinner should be added in order to achieve application viscosity, too much thinner will result in sagging.

Well mix the base and hardener before any thinner is added.

0~5% (by bush and roller) 0~10% (Airless)

RECOMMENDED TOPCOAT

Epoxy、Polyurethane、Acrylic、Oil base、Chlorinated Rubber Paint

SHELF LIFE

Minimum one year under normal storage condition

APPLICATION METHOD

Airless spray, Bush and Roller

NOTE

1. **For immersion in water, with or without cathodic protection:**

- Steel with approved zinc silicate shop primer; sweep blasted to SPSS-Ss or power tool cleaned to SPSS-Pt3.
- Steel; blast cleaned to ISO-Sa2½.

2. **For atmospheric exposure conditions:**

- Steel; blast cleaned to ISO-Sa2 or ISO-Sa2½.
- Steel with approved shop primer; power tool cleaned to SPSS-Pt2 or SPSS-Pt3.

3. Substrate temperature should be between -10°C up to 15°C during application and curing and at least 3°C above dew point and free from ice and any contamination.

4. Maximum relative humidity during application and curing is 85%.

EPDM3030855L V1.1

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